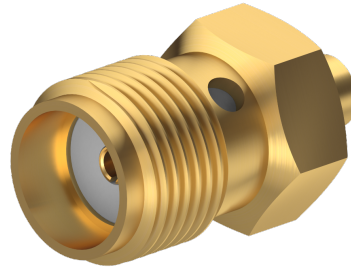


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable jack (female)

21_SMA-50-1-2/111_N

Properties

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz



Product configuration		
Interface type	Gender	Standard
SMA	jack	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	35 dB	1.036
2.5 GHz ... 6 GHz	30 dB	1.065
6 GHz ... 18 GHz	25 dB	1.119

Mechanical data	
Weight	0.0015 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	soldered

COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable jack (female)

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Environmental data	
Operation temperature	-65 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22642386	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22642386	21_SMA-50-1-2/111_NE	Single

Suitable cables	
Cable group	Y2 - 1 mm / 50 Ohm
	Y15 - 1 mm / 50 Ohm
Suitable cables	SUCOFORM_47_CU
	SR_47_TP_M17

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22643029	74_Z-0-0-157	Cable stripping tool
22543124	74_Z-0-0-14	Locator
22642493	74_Z-0-0-116	
22642492	74_Z-0-0-115	

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